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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |    |   | <b>Complete if Known</b> |                |
|   |   |    |   | Application Number       | 10/065,185     |
|   |   |    |   | Filing Date              | 9/24/2002      |
|   |   |    |   | First Named Inventor     | Chan, Johni    |
|   |   |    |   | Art Unit                 | 2111           |
|   |   |    |   | Examiner Name            | Rinehart, Mark |
| Sheet   | 1 | of | 2 | Attorney Docket Number   | 73543          |

| U.S. PATENT DOCUMENTS |                          |  |                                |  |   |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                            | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | Number - Kind Code <sup>2</sup> (if known) |                                |  |   |
| UN                    |                          | Application No. 09/815,772                 | Filing Date: 03-22-2001        | Chan, Johni  |   |
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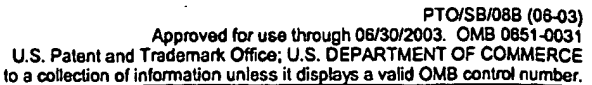
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| FOREIGN PATENT DOCUMENTS |                          |   |                                |  |   |                |
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| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>3</sup> |
|                          |                          | Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) |                                |  |   |                |
| UN                       |                          | EP 0 515 989 A2   | 02-12-1992                     | Siemens<br>Aktiengesellschaft                      |   |                |
|                          |                          | EP 0 629 956 A2   | 12/21/1994                     | International Business<br>Machines                 |   |                |
|                          |                          | EP 0 820 018 A2   | 01-21-1998                     | Compaq Computer Corp                               |   |                |
|                          |                          | EP 1 041 492 A2   | 10-04-2000                     | LSI Logic Corporation                              |   |                |
|                          |                          | WO 96/10792   | 04-11-1996                     | Tyan Computer Corp                                 |   |                |
|                          |                          | WO 96/13775   | 05-09-1996                     | Flamepoint, Inc.                                   |   |                |
|                          |                          | WO 98/44417   | 10-08-1998                     | International Business<br>Machines                 |   |                |
|                          |                          | WO 99/21087   | 04-29-1999                     | Acuity Imaging LLC                                 |   |                |
|                          |                          | WO 99/57632   | 11-11-1999                     | Intel Corporation                                  |   |                |
|                          |                          | WO 00/13074   | 03-09-2000                     | Intel Corporation                                  |   |                |
|                          |                          | WO 00/41083   | 07-13-2000                     | Intel Corporation                                  |   |                |

|                       |                      |                    |         |
|-----------------------|----------------------|--------------------|---------|
| Examiner<br>Signature | <i>Mark Rinehart</i> | Date<br>Considered | 9/27/05 |
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| Title of Invention   | METHOD AND APPARATUS FOR PROVIDING REDUNDANT BUS CONTROL |            |            |                |      |       |          |          |            |      |          |      |       |          |                                     |   |         |            |              |  |  |  |                                     |   |         |            |              |  |  |  |                                     |   |         |            |              |  |  |  |                                     |   |         |            |              |  |  |  |                                     |   |         |            |                |  |  |  |                                     |   |         |            |              |  |  |  |                                     |   |         |            |              |  |  |  |                                     |   |         |            |       |  |  |  |                                     |   |         |            |              |  |  |  |
|--|--|------------|------------|----------------|------|-------|----------|----------|------------|------|----------|------|-------|----------|-------------------------------------|---|---------|------------|--------------|--|--|--|-------------------------------------|---|---------|------------|--------------|--|--|--|-------------------------------------|---|---------|------------|--------------|--|--|--|-------------------------------------|---|---------|------------|--------------|--|--|--|-------------------------------------|---|---------|------------|----------------|--|--|--|-------------------------------------|---|---------|------------|--------------|--|--|--|-------------------------------------|---|---------|------------|--------------|--|--|--|-------------------------------------|---|---------|------------|-------|--|--|--|-------------------------------------|---|---------|------------|--------------|--|--|--|
| <p>Application Number: 10/065185</p> <p>Confirmation Number: 6299</p> <p>First Named Applicant: Johni Chan</p> <p>Attorney Docket Number: 73543(7628)</p> <p>Art Unit: 2111</p> <p>Examiner: Rinehart Mark</p> <p>Search string: ( 5396602 or 5448703 or 5450551 or 5499346 or 5530946 or 5557758 or 5561820 or 5572688 or 5621902 or 5706478 or 5740385 or 5774680 or 5781748 or 5873000 or 5875310 or 5878235 or 5892931 or 5894563 or 5922057 or 5923859 or 5954809 or 5970234 or 5978872 or 5991843 or 6092134 or 6128691 or 6134625 or 5185693 or 5434998 or 5583987 or 5729675 or 5911084 or 6138247 or 4811210 or 5093826 or 5574950 or 5991900 or 6061601 or 6247100 or 6378021 or 6587961 or 6633945 or 6643795 or 6493786 or 20020095549 ).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td>1</td><td>5396602</td><td>1995-03-07</td><td>Amini et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>2</td><td>5448703</td><td>1995-09-05</td><td>Amini et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>3</td><td>5450551</td><td>1995-09-12</td><td>Amini et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>4</td><td>5499346</td><td>1996-03-12</td><td>Amini et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>5</td><td>5530946</td><td>1996-06-25</td><td>Bouvier et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>6</td><td>5557758</td><td>1996-09-17</td><td>Bland et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>7</td><td>5561820</td><td>1996-10-01</td><td>Bland et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>8</td><td>5572688</td><td>1996-11-05</td><td>Sytwu</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>9</td><td>5621902</td><td>1997-04-15</td><td>Cases et al.</td><td></td><td></td><td></td></tr></tbody></table> |  |            |            |                |      |       | init     | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass | <input checked="" type="checkbox"/> | 1 | 5396602 | 1995-03-07 | Amini et al. |  |  |  | <input checked="" type="checkbox"/> | 2 | 5448703 | 1995-09-05 | Amini et al. |  |  |  | <input checked="" type="checkbox"/> | 3 | 5450551 | 1995-09-12 | Amini et al. |  |  |  | <input checked="" type="checkbox"/> | 4 | 5499346 | 1996-03-12 | Amini et al. |  |  |  | <input checked="" type="checkbox"/> | 5 | 5530946 | 1996-06-25 | Bouvier et al. |  |  |  | <input checked="" type="checkbox"/> | 6 | 5557758 | 1996-09-17 | Bland et al. |  |  |  | <input checked="" type="checkbox"/> | 7 | 5561820 | 1996-10-01 | Bland et al. |  |  |  | <input checked="" type="checkbox"/> | 8 | 5572688 | 1996-11-05 | Sytwu |  |  |  | <input checked="" type="checkbox"/> | 9 | 5621902 | 1997-04-15 | Cases et al. |  |  |  |
| init   | Cite.No.   | Patent No. | Date       | Patentee       | Kind | Class | Subclass |          |            |      |          |      |       |          |                                     |   |         |            |              |  |  |  |                                     |   |         |            |              |  |  |  |                                     |   |         |            |              |  |  |  |                                     |   |         |            |              |  |  |  |                                     |   |         |            |                |  |  |  |                                     |   |         |            |              |  |  |  |                                     |   |         |            |              |  |  |  |                                     |   |         |            |       |  |  |  |                                     |   |         |            |              |  |  |  |
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| <input checked="" type="checkbox"/>  | 9  | 5621902    | 1997-04-15 | Cases et al.   |      |       |          |          |            |      |          |      |       |          |                                     |   |         |            |              |  |  |  |                                     |   |         |            |              |  |  |  |                                     |   |         |            |              |  |  |  |                                     |   |         |            |              |  |  |  |                                     |   |         |            |                |  |  |  |                                     |   |         |            |              |  |  |  |                                     |   |         |            |              |  |  |  |                                     |   |         |            |       |  |  |  |                                     |   |         |            |              |  |  |  |

|    |         |            |                    |
|----|---------|------------|--------------------|
| 10 | 5706478 | 1998-01-06 | Dye                |
| 11 | 5740385 | 1998-04-14 | Hayek et al.       |
| 12 | 5774680 | 1998-06-30 | Wanner et al.      |
| 13 | 5781748 | 1998-07-14 | Santos et al.      |
| 14 | 5873000 | 1998-02-16 | Lin et al.         |
| 15 | 5875310 | 1999-02-23 | Buckland et al.    |
| 16 | 5878235 | 1999-03-02 | Porterfield et al. |
| 17 | 5892931 | 1999-04-06 | Cohen et al.       |
| 18 | 5894563 | 1999-04-13 | Saperstein         |
| 19 | 5922057 | 1999-07-13 | Holt               |
| 20 | 5923859 | 1999-07-13 | Melo et al.        |
| 21 | 5954809 | 1999-09-21 | Riley et al.       |
| 22 | 5970234 | 1999-10-19 | Jin                |
| 23 | 5978872 | 1999-11-02 | Porterfield et al. |
| 24 | 5991843 | 1999-11-23 | Porterfield et al. |
| 25 | 6092134 | 2000-07-18 | Chun et al.        |
| 26 | 6128691 | 2000-10-03 | Haren et al.       |
| 27 | 6134625 | 2000-10-17 | Abramson et al.    |
| 28 | 5185693 | 1993-02-09 | Loftis et al.      |
| 29 | 5434998 | 1995-07-18 | Akai et al.        |
| 30 | 5583987 | 1996-12-10 | Kobayashi et al.   |
| 31 | 5729675 | 1998-03-17 | Miller et al.      |
| 32 | 5911084 | 1999-06-08 | Jones et al.       |
| 33 | 6138247 | 2000-10-24 | McKay et al.       |
| 34 | 4811210 | 1989-03-07 | McAulay            |
| 35 | 5093826 | 1992-03-03 | Leichum            |
| 36 | 5574950 | 1996-11-12 | Hathorn, et al.    |
| 37 | 5991900 | 1999-11-23 | Garnett            |
| 38 | 6061601 | 2000-05-09 | Jansen, et al.     |
| 39 | 6247100 | 2001-06-12 | Drehmel, et al.    |
| 40 | 6378021 | 2002-04-23 | Okazawa, et al.    |
| 41 | 6587961 | 2003-07-01 | Garnett, et al.    |
| 42 | 6633945 | 2003-10-14 | Fu, et al.         |
| 43 | 6643795 | 2003-11-04 | Sicola, et al.     |
| 44 | 6493786 | 2002-12-10 | Kikinis            |

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| <input checked="" type="checkbox"/> | 1        | 20020095549 | 2002-07-18 | Matsunami, et al. |      |       |          |

Signature

| Examiner Name         | Date    |
|-----------------------|---------|
| <i>Karen M. Jones</i> | 7/27/05 |